

JAEGER Dewatering Pumps

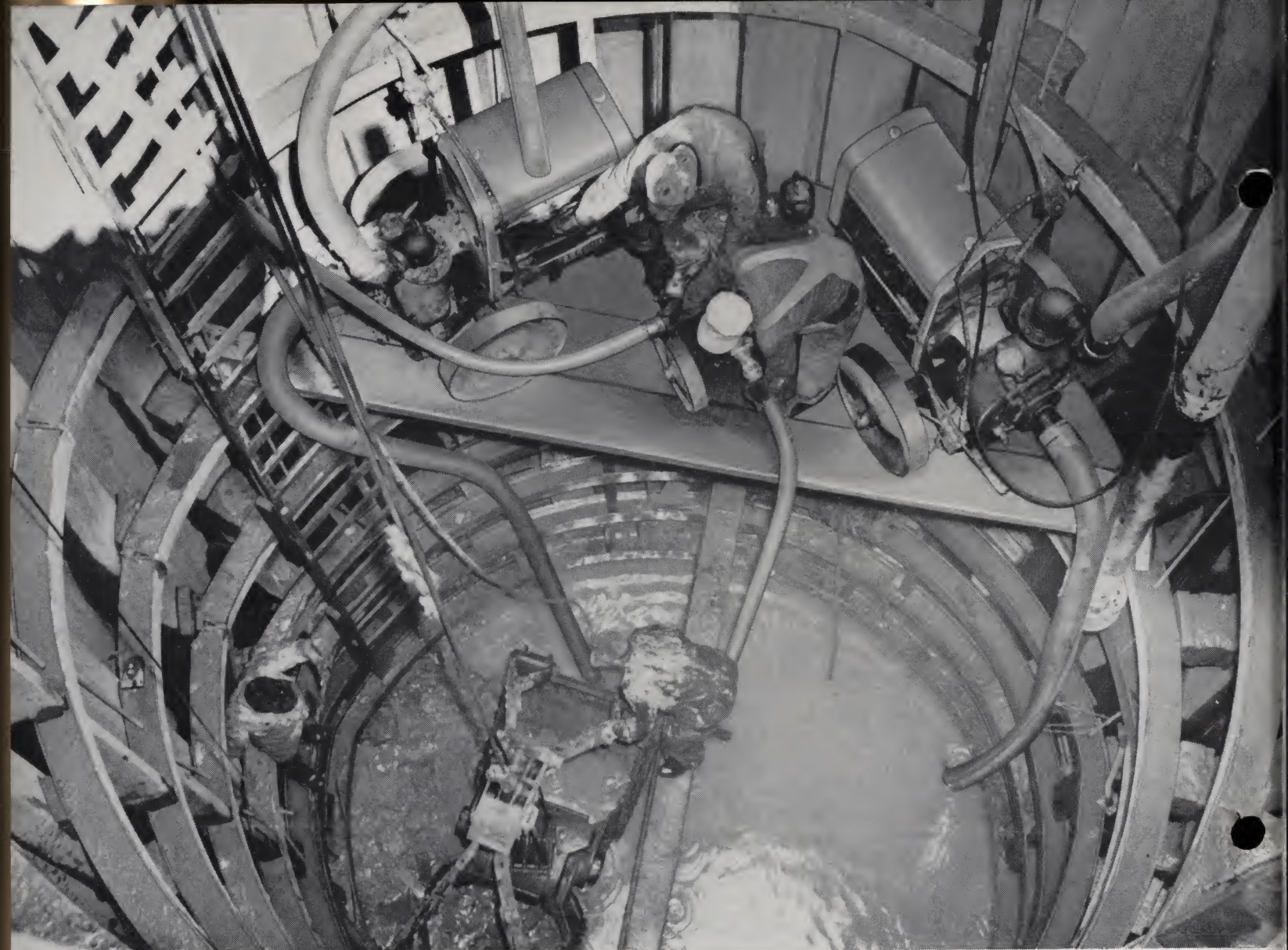
"Sure Prime" Centrifugals

1½" to 10" sizes, 5400 to 240,000 gph

Diaphragm Pumps — 3" and 4"; up to 7000 gph

Catalog DP 7





Above: 50' deep in one of twenty-five 17' diam. pier holes for Buffalo, N. Y. high level bridge. Two Jaeger 6P pumps and a Jaeger 2P handled the heavy inflow.

Below: Jaeger 6P "Sure Prime" handling more than 1500 gpm inflow along U.S. 30 relocation job in Pennsylvania requiring 25'x 8" concrete slab along creek bank.

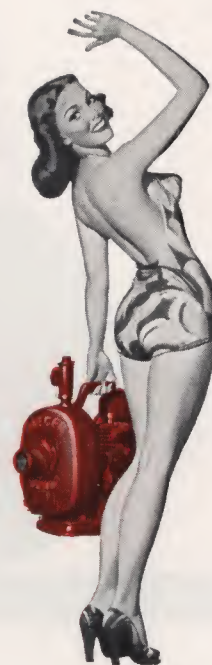


5,400 gph

at 10' suction lift

Semi-steel Model 1 1/2 P

Aluminum Model 1 1/2 AP



EASY TO CARRY "BANTAM" PUMP

Exceptionally light in weight, for easy portability, the compact Jaeger "Bantam" pump handles lots of water fast. Both aluminum and semi-steel model produce their rated capacity at wear-saving engine speeds of only 2500 to 3200 rpm maximum—instead of the usual short-lived 4200 rpm needed in some pumps that have less capacity. Finest air-cooled 4-cycle 1 1/2 hp ball bearing engine has high efficiency automotive-type carburetor.

Fast Sure-Prime, made doubly certain by two independent but simultaneous priming actions, and long-lived "Lubri-Seal" are exclusive Jaeger advantages. Aluminum alloy model is the only pump of its type equipped with replaceable liner plate and stainless steel cut water reinforcing the point of greatest wear.

Jaeger Models 1 1/2 AP and 1 1/2 P (A.G.C. Model 4M)

CAPACITY AT 10' SUCTION LIFT: 5400 gph.

SUCTION and DISCHARGE: 1 1/2" x 1 1/2"

CONSTRUCTION:

1 1/2 P Semi-steel

1 1/2 AP Aluminum Alloy

ENGINE Briggs & Stratton 6BFB

H. P. 1.6 @ 2600 rpm

CU. IN. DISPLACEMENT 6.28

NET WEIGHT: 1 1/2 P 80 lbs.

1 1/2 AP 52 lbs.

DIMENSIONS: Length 21"

Width 14"

Height 21"

Mounting on base only

For electric power see Electric Pumps

Model 1 1/2 AP, in salt water resistant aluminum alloy, weighs 52 lbs., pumps 5400 gph (*up to 6300 gph with 2" suction line*).



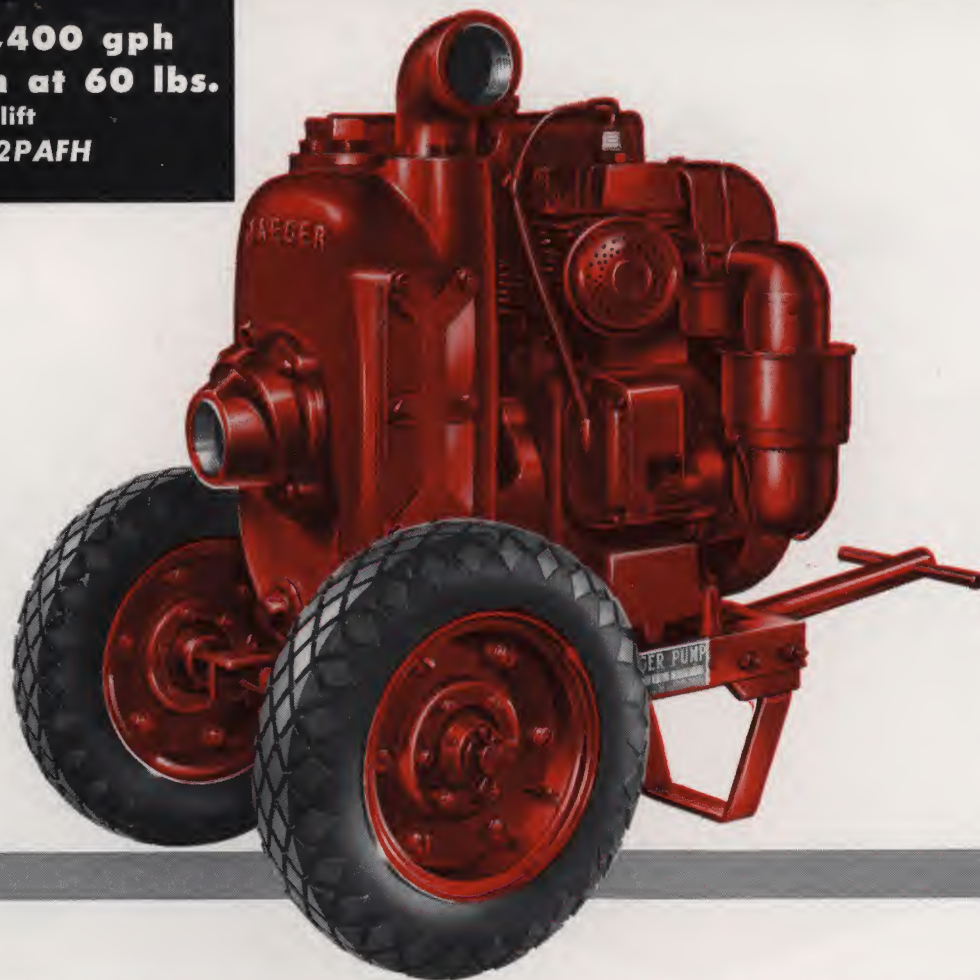
For contractors, plumbers. Quickly drains footers, small ditches.

Actual Performance: Models 1 1/2 P and 1 1/2 AP

The following table gives capacity in gallons per minute:

Total head including friction	Height of pump above water				Capacity with 2" suction line at 10 ft. static suction lift
	10 ft.	15 ft.	20 ft.	25 ft.	
25 ft.	90	74	—	—	105
30	90	72	53	42	100
40	82	68	52	41	85
50	72	64	50	40	75
60	62	58	48	38	62
70	50	50	44	36	50
80	41	41	37	32	41
90	26	26	26	24	26
100	12	12	12	12	12

DEWATERING: 8,400 gph
PRESSURE: 65 gpm at 60 lbs.
 at 10' suction lift
Jaeger Model 2PAFH



DUAL-PURPOSE 2" ALUMINUM PRESSURE AND DEWATERING PUMP

SALT WATER RESISTANT

Developing almost twice the pressure of the usual dewatering pump of its size, this highly portable aluminum alloy unit, weighing only 135 lbs. complete, is ideally adapted for supplying water from downhill sources, sprinkling and wetting down concrete, weed control spraying, spray-seeding of road banks, washing down trucks and machinery, unloading oil from trucks, portable fire protection and like uses. Most suitable, too, for a fire and bilge pump on barges and power boats.

Its unusual performance is the result of special pump design and a more powerful engine. An important advantage is its fast automatic prime, made doubly sure by two independent but simultaneous priming actions. Construction is simple (one moving part). Jaeger Lubri-Seal is good for many thousands of hours service. Easily replaceable liner plate maintains high efficiency and insures long life.

Jaeger Model 2PAFH

CAPACITY FOR DEWATERING AT 10' SUCTION LIFT: 8400 gph

FOR PRESSURE: 90 gpm at 50 lbs.

SUCTION AND DISCHARGE: 2" x 2"

CONSTRUCTION: Aluminum Alloy

ENGINE Wisconsin BKND

H. P. 6.1 @ 3000 rpm

CU. IN. DISPLACEMENT 17.8

NET WEIGHT: 135 lbs.

DIMENSIONS: Length 24"

Width 20"

Height 27"

Mounting: Two wheel truck; telescoping towpole. Cushion tired wheels standard. 3:00 x 7 pneumatic tires optional.



Model 2PAFH pumping water for construction work through 1100 ft. of 2" pipe. Weighs only 135 lbs. complete. Very easy to handle.

Actual Performance at 10 ft. Suction Lift

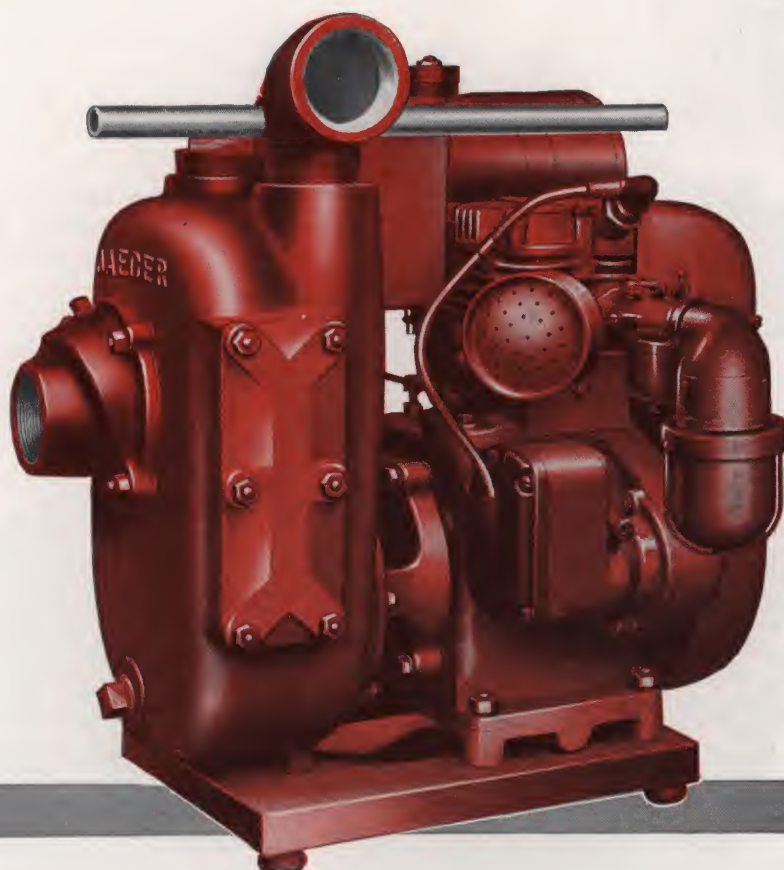
Discharge Pressure	Total Head including friction	Capacity
10 lbs.	48 ft.	140 gpm
20	70	133
30	93	130
40	114	110
50	135	90
60	156	65
70	175	42

Maximum shutoff pressure, 82 lbs.

9,300 gph

at 10' suction lift

Aluminum Model 2PAF



Model 2PAF, corrosion resistant aluminum alloy, weighs only 110 lbs. and has power to pump against head exceeding 100 ft.

BIG CAPACITY 110 LB. PUMP

SALT WATER RESISTANT

No other small pump of any type or make offers so many advantages, especially around harbors and ocean fronts, as this corrosion-resistant Jaeger 2" portable pump. Easily carried by two men, this 9300 gallon pumper primes in seconds—takes approximately a minute at 25 ft. lift. Doubly-sure prime is provided by two independent, simultaneous priming actions. Holds prime indefinitely in tight suction line. Ideal for draining footers, ditches, public utility service, weed spraying, filling tank trucks, booster service to fire pumps, river and harbor work.

Armored Against Wear: Self-cleaning aluminum alloy shell has liner plate reversible and adjustable against wear. Stainless steel fitting cast in at point of greatest wear is further insurance of long life. After long service, pump can be quickly restored to new by replacing liner plate. Dirty water is easily handled by open type impeller, the only moving part. Pump is simple, foolproof and dependable.

Jaeger Model 2PAF

CAPACITY AT 10' SUCTION LIFT: 9300 gph

SUCTION AND DISCHARGE: 2" x 2"

CONSTRUCTION: Aluminum Alloy

ENGINE Wisconsin ACN

H. P. 3.8 @ 2400 rpm

CU. IN. DISPLACEMENT 14.88

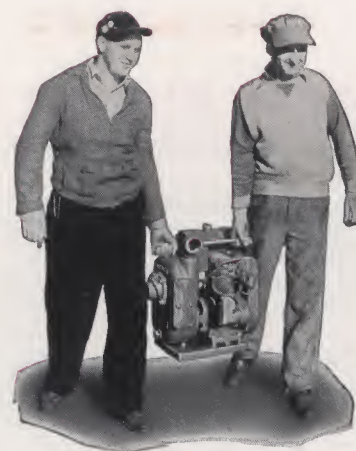
NET WEIGHT: 110 lbs.

DIMENSIONS: Length 22"

Width 20"

Height 22"

Mounting: Base is standard. Two wheel truck with telescopic towpole available. Option of cushion tires or pneumatic tired wheels. Extra weight approximately 30 lbs.



See how easily two men can move this compact 110 lb. unit wherever it is needed. Yet it pumps real volume, as shown in table below. Rubber tired truck mounting available, if desired.

Actual Performance

The following table gives capacity in gallons per minute:

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	155	130	—	—
40	150	130	100	70
50	145	130	100	70
60	130	125	100	70
70	120	120	100	70
80	105	105	95	68
90	90	90	90	65
100	75	75	75	60
110	65	65	65	55
120	50	50	50	50
130	35	35	35	35

9,600 gph

at 10' suction lift
Utility Model 2XP



Model 2 XP is an inexpensive and easily portable pump that is a completely satisfactory performer.

INEXPENSIVE 2" UTILITY PUMP

This Jaeger Sure-Prime pump is perfect for those small pumping jobs and relief work. A low cost, easily portable rubber tired unit that is light but sturdy. Entire pump, including impeller, is made of 20% steel that is tough and wear resistant. Has same easily replaceable liner plate as in heavy duty models. Open trash-type impeller, mounted direct on engine shaft, is only moving part. "Lubri-Seal" eliminates packing problems.

Doubly-Sure Prime is provided by two simultaneous priming actions. Patented "jet" speeds priming action. Check valve holds prime indefinitely. Automatic recirculation cut-off insures efficient pumping action.

Jaeger Model 2XP (A.G.C. Model 7M)

CAPACITY AT 10' SUCTION LIFT 9600 gph

SUCTION AND DISCHARGE: 2" x 2"

CONSTRUCTION: Semi-Steel

ENGINE Wisconsin ACN

H. P. 3.8 @ 2400 rpm

CU. IN. DISPLACEMENT 14.88

NET WEIGHT: 180 lbs.

DIMENSIONS: Length 25"

Width 21"

Height 29"

Mounting: Two wheel truck with telescoping towpole.

Two cushion tired wheels standard.

3:00 x 7 pneumatic tired wheels optional.



The portability of Model 2XP is a big advantage on this barge. The 9600 gallons hourly capacity is adequate for many such jobs.

Actual Performance

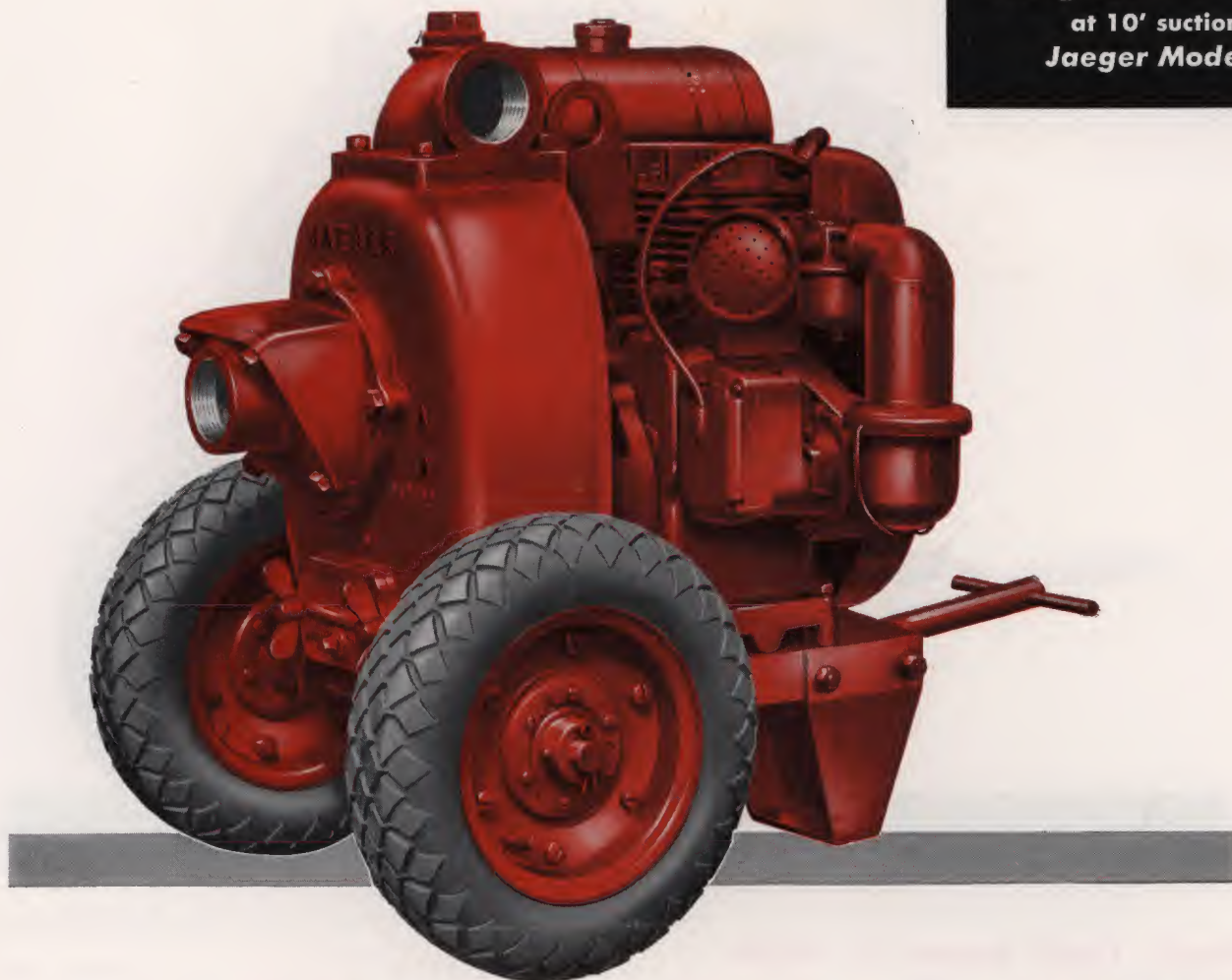
The following table gives capacity in gallons per minute:

Total Head Including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	160	128	95	—
30	160	127	95	70
40	155	124	93	70
50	145	120	91	68
60	132	114	89	66
70	110	105	85	64
80	90	90	80	60
90	70	70	70	55
100	53	53	53	48
110	34	34	34	34
120	17	17	17	17

10,200 gph

at 10' suction lift

Jaeger Model 2PN



ALL THE WATER A 2" HOSE CAN HANDLE AND MORE THAN 14,000 GPH WITH 2 1/2" HOSE

Model 2PN delivers all the water that can be pulled through a 2" suction line under average pumping conditions. It is not unusual for this little pump to produce 28" vacuum at the intake flange. Put this pump on your job and see how powerfully it performs, even at heads well above 100 ft. Moreover, its rated performance is obtained at easy engine speeds of 2400 to 2550 rpm, and by a compact little pump that weighs only 180 lbs. on pneumatic tires, only 160 lbs. on base. Easily replaceable liner plate is standard.

Doubly-Sure Prime: Two independent but simultaneous priming actions ("inherent" and "jet" priming), are an exclusive Jaeger advantage. Also holds prime automatically.

Jaeger Lubri-Seal: Many of these long-lived shaft seals are still in service after 5 years.

Jaeger Model 2PN (A.G.C. Model 10M)

CAPACITY AT 10' SUCTION LIFT: 10,200 gph

SUCTION AND DISCHARGE: 2" x 2"

CONSTRUCTION: Semi-Steel

ENGINE Wisconsin BKND

H.P. 5.3 @ 2500 rpm

CU. IN. DISPLACEMENT 17.8

NET WEIGHT: 180 lbs.

DIMENSIONS: Length 24"

Width 21"

Height 26"

Mounting: Two-wheel truck with telescoping towpole.

Two cushion tired wheels standard.

3:00 x 7 pneumatic tired wheels optional.



All the water a 2" suction line can handle: Capacity and pressure enough for good sized jobs. Yet pump is light and small enough for a plumber's work.

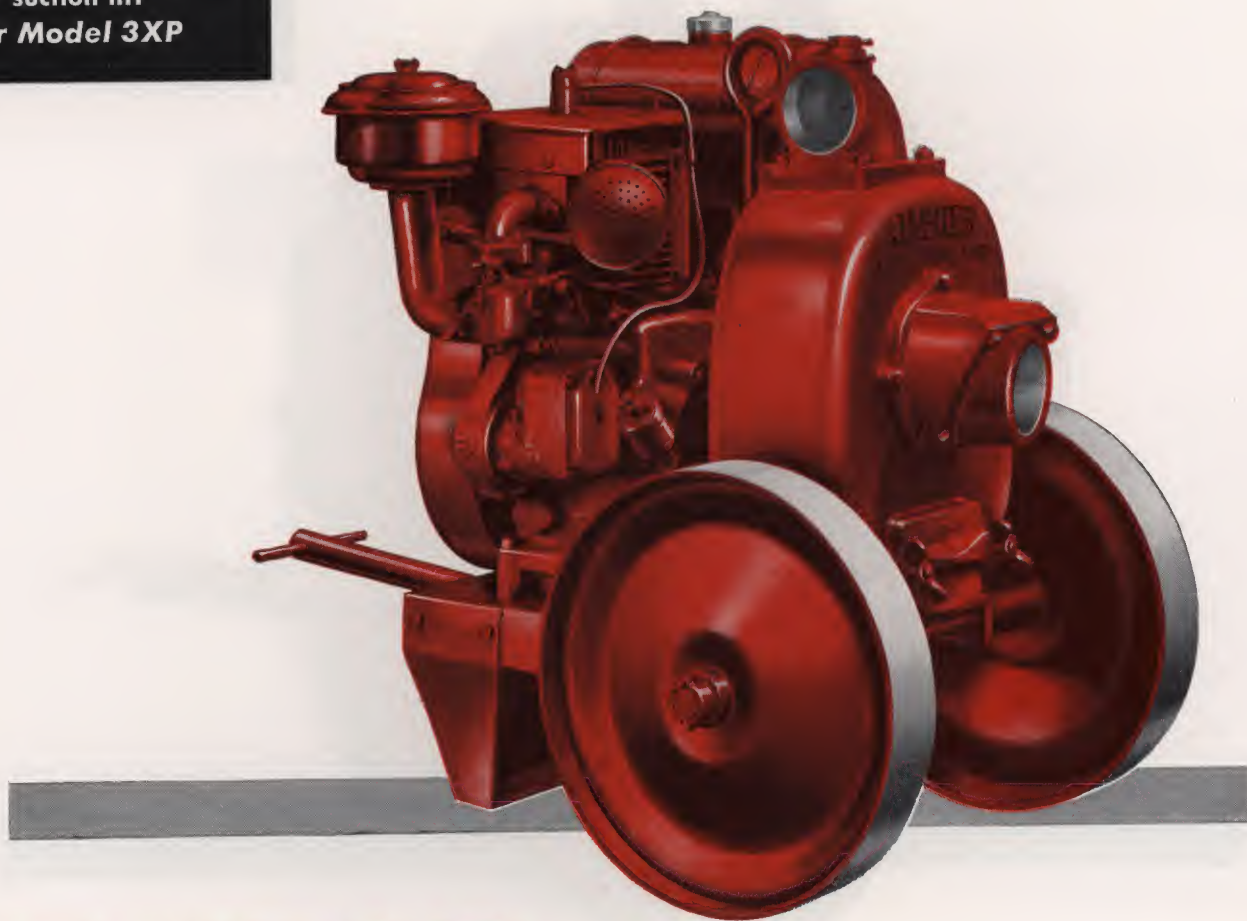
Actual Performance

The following table gives capacity in gallons per minute:

Total Head including friction	Height of pump above water				Capacity with 2 1/2" suction line at 10' suction lift
	10 ft.	15 ft.	20 ft.	25 ft.	
25 ft.	170	145	—	—	240
30	170	145	115	85	235
40	170	145	115	85	230
50	168	144	115	85	222
60	166	143	115	85	204
70	160	141	114	84	186
80	150	138	112	83	166
90	136	132	110	81	150
100	122	122	107	79	122
110	108	108	102	76	108
120	92	92	92	72	92
130	73	73	73	65	73
140	50	50	50	50	50

19,500 gph

at 10' suction lift
Jaeger Model 3XP



COMPACT, LIGHT WEIGHT 3" PUMP

Because of its light weight and compact design (29" long including wheels, only 28" long when base mounted) this 19,500 gallon pump is not only popular for general utility service but perfectly adapted for work in pier holes and other confined spaces when capacity beyond a 2" pump is needed. For high head work, two pumps in tandem double the pressure.

All "Sure Prime" Advantages: Jaeger light weight pumps give you all the exclusive features that have made "Sure Prime" the world's recognized leader — fast doubly-sure priming, long-life Lubri-Seal, self-cleaning, non-clogging design, tough 20% steel construction with liner plate adjustable for wear and replaceable. Every unit factory-tested and certified for performance.

Jaeger Model 3XP (A.G.C. Model 15M)

CAPACITY AT 10' SUCTION LIFT: 19,500 gph

SUCTION AND DISCHARGE: 3" x 3"

CONSTRUCTION: Semi-Steel

ENGINE Wisconsin AEN

H. P. 6.4 @ 2200 rpm

CU. IN. DISPLACEMENT 23

NET WEIGHT: 330 lbs.

DIMENSIONS: Length 29"

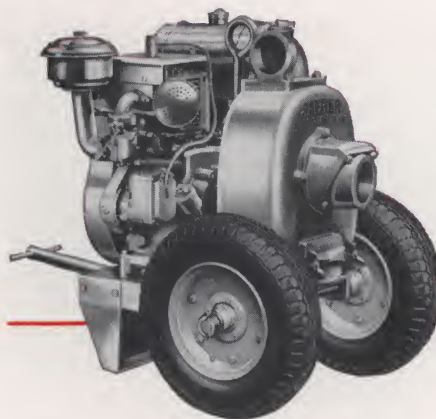
Width 25"

Height 31"

Mounting: Two wheel truck with telescoping towpole.

Two 16" steel disc wheels standard.

4:00 x 8 pneumatic tired wheels optional.



PNEUMATIC TIRES AT SMALL EXTRA COST

An increasing number of contractors and utilities specify this type of mounting for maximum ease of handling.

Actual Performance

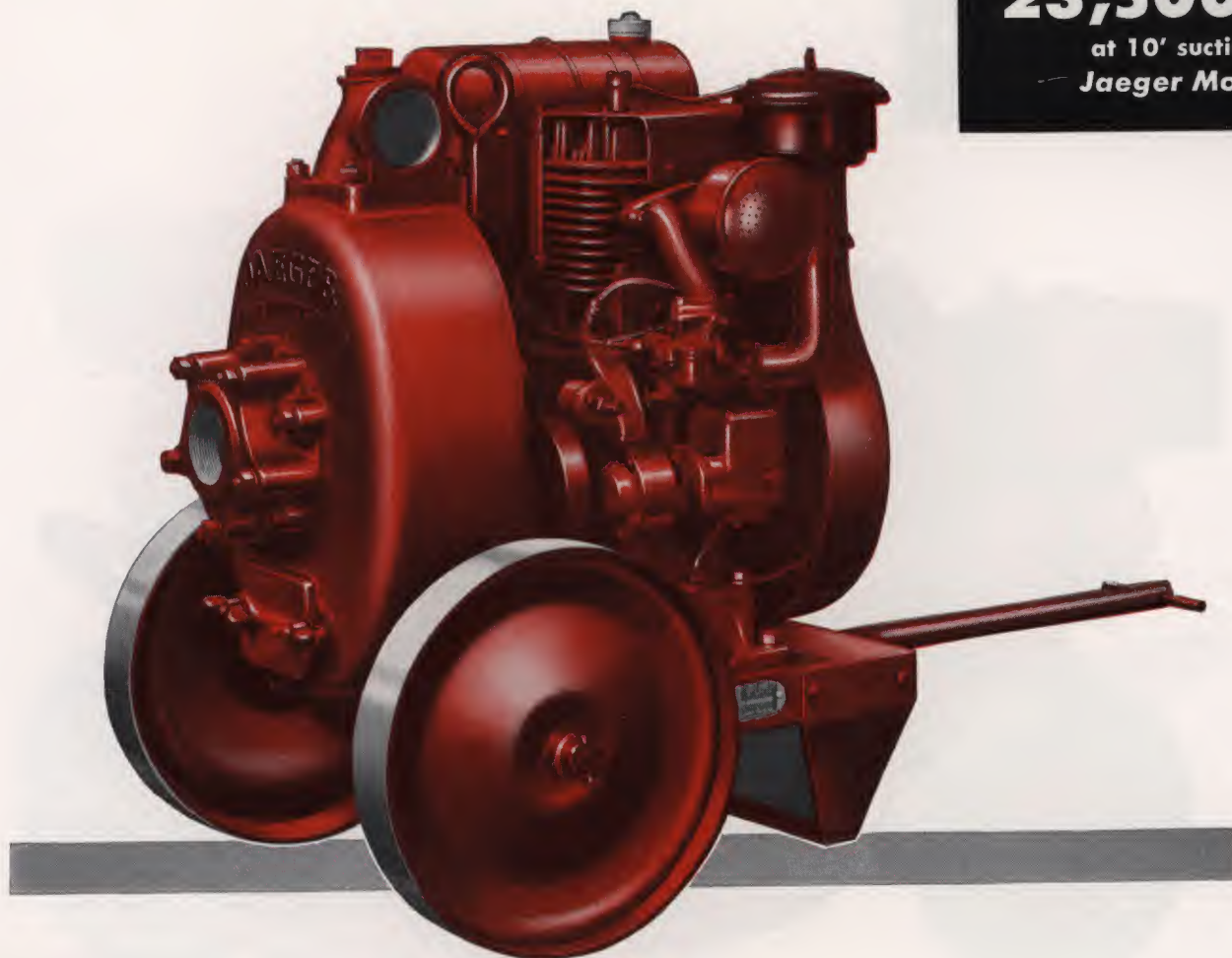
The following table gives capacity in gallons per minute

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	330	290	—	—
30	320	290	245	180
40	305	280	245	180
50	280	265	235	180
60	250	245	225	175
70	220	220	205	170
80	190	190	180	160
90	155	155	155	145
100	125	125	125	120
110	90	90	90	90
120	60	60	60	60

23,500 gph

at 10' suction lift

Jaeger Model 3P



COMPACT JAEGER 3" HEAVY DUTY PUMP

This improved model, with compact dimensions, fast double priming action and big capacity, provides the ideal portable unit for general dewatering work — caissons, piers, bulkheads, bridge footers, foundations, sewers, conduits, tunnels, public utility and railroad construction and maintenance, barges, mines, industrial plants. It is widely used for oil transfer pumping, fire protection, supplying water to concrete mixers, tank trucks, swimming pools, etc. Also used in tandem or multiple for jetting, where a pressure pump is not available.

Built of semi-steel with liner plate reversible and adjustable for wear takeup and replaceable after long service. Long-life Lubri-Seal is always accessible for inspection. Timken bearing shaft. Impeller is open type — handles large solids without clogging — and is made of special wear-and-corrosion-resistant alloy.

Jaeger Model 3P (A.G.C. Model 20M)

CAPACITY AT 10' SUCTION LIFT: 23,500 gph

SUCTION AND DISCHARGE: 3" x 3"

CONSTRUCTION: Semi-Steel

ENGINE Wisconsin AHH

H. P. 8.5 @ 1800 rpm

CU. IN. DISPLACEMENT: 41.3

NET WEIGHT: 425 lbs.

DIMENSIONS: Length 29"

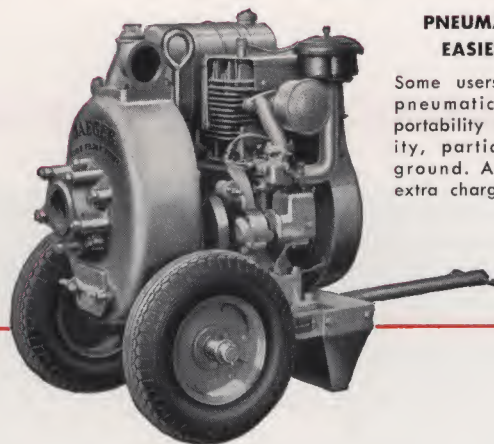
Width 28"

Height 36"

Mounting: Two wheel truck with telescoping towpole.

Two 16" steel disc wheels standard.

4:00 x 8 pneumatic tired wheels optional.



PNEUMATIC TIRES FOR EASIEST HANDLING

Some users prefer these 4" pneumatic tires for easier portability and maneuverability, particularly on rough ground. Available at small extra charge.

Actual Performance

The following table gives capacity in gallons per minute:

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	395	340	—	—
30	395	340	270	185
40	390	335	270	185
50	370	330	270	185
60	345	310	265	180
70	300	285	250	180
80	250	250	230	175
90	200	200	200	165
100	150	150	150	140
110	100	100	100	100
120	60	60	60	60

3 INCH (or 2x3 inch) DIAPHRAGM PUMP Jaeger Model 3DY



ALUMINUM ALLOY . . . ONLY 135 LBS • NEW SPRING-BOTTOM BOWL

Only diaphragm pump on the market with a self-cleaning, shock absorbing spring-bottom bowl (pats. pending). Bottom of suction chamber is a heavily reinforced rubber disc which flexes slightly with each stroke. This cushions the diaphragm, continually agitates the liquid and prevents build-up of clay, sand, cement or trash. In addition, it is held by a compression spring which cushions each force stroke and yields in case an obstruction is drawn into the pump. Only Jaeger gives you this major improvement.

Built of high strength aluminum alloy, complete pump weighs only 135 lbs. Shafts and gears are heat treated alloy steel. Roller or ball bearings on all shafts, including double row ball bearings on wrist pin. Drive shaft is 1 $\frac{3}{8}$ " diameter. Diaphragm and gas-kets are oil-resistant synthetic rubber.

Free-Swinging Light Weight Valves: Operate with minimum resistance and close quickly to air-tight seat, enabling pump to produce high vacuum.

Surge Chamber takes kick out of hose, doubles its life.

Power: Briggs & Stratton Model 8BR6 4-cycle, air-cooled engine. 2.5 hp at 3800 rpm; displacement 7.95 cu. in. High tension fly-wheel magneto, adjustable governor, oil bath air cleaner.

SPECIFICATIONS

Suct. & Disch.	Truck	Length	Width	Height	Weight
3" or 2" x 3"	Two 10 x 2.5 semi-pneumatic tires	39" Less Tow Bail 26"	29"	23"	135 lbs.



Up to 4300 Gph with this 135 Lb. Diaphragm Pump: Note volume of discharge on this typical job. Many contractors find a 2" or 2 $\frac{1}{2}$ " suction line all they need with this powerful pump.

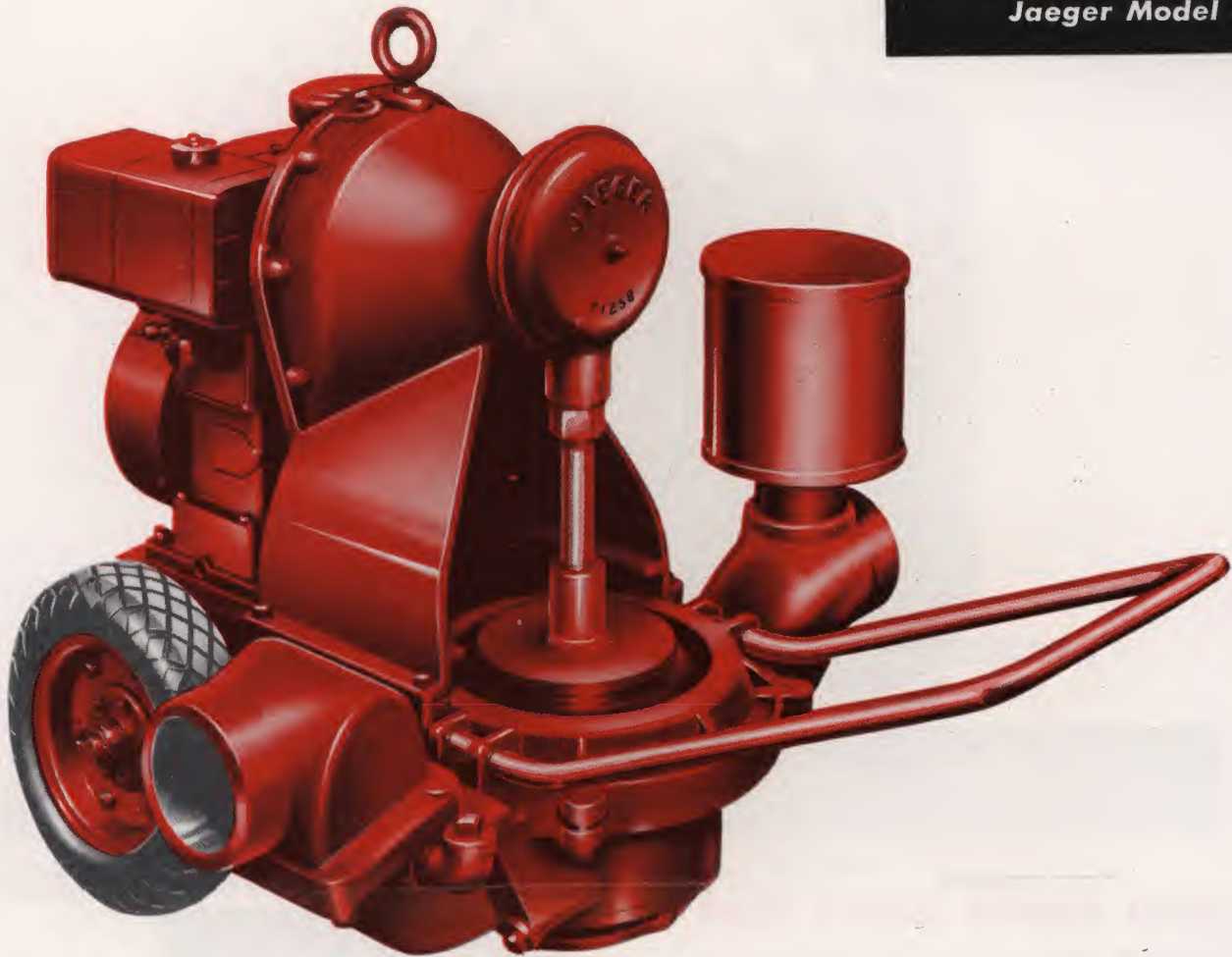
Performance

Suction Lift	Capacity in Gallons per Hour
5 ft.	3000 to 4300
10	3000 to 4200
25	2500 to 3000

Speed Range: Minimum 50 rpm, maximum 72 rpm

4 INCH DIAPHRAGM PUMP

Jaeger Model 4DY



UP TO 7,000 GPH CAPACITY • SPRING-BOTTOM BOWL DESIGN

The Model 4DY is a much bigger capacity pump offering the same design advantages described on the smaller Model 3DY — spring-bottom bowl, light and free-swinging valves, surge chamber and easy diaphragm change.

Most for Your Money: For very little additional cost this 4" pump gives you twice the water capacity and twice the air capacity of smaller diaphragm pumps. It will handle up to 7000 gph at 10 ft. static suction lift, up to 1000 gph at 25 ft. lift.

Many Uses: Big air and water capacity means fast priming, strong suction, equal suitability for pumping muddy water or seepage, handling trenches, small wellpoint systems, sewage and septic tanks. Its high vacuum pull makes it practical to mount the 4DY in the rear of septic tank trucks and pump direct from pit to truck tanks. Free-opening valves and self-cleaning bowl handle dirtiest, trashiest liquids.

Ruggedly Built: Pump is semi-steel. Gears and pinions are heat treated, shafts are heat treated and ground. Big capacity bearings are flood-oiled in automotive gear case.

Heavy Duty Engine: 4 hp. air-cooled engine of 14.2 cu. in. displacement. Oil bath air cleaner, outside mounted condenser and breaker points, speed control governor quickly adjustable for volume or seepage pumping.

SPECIFICATIONS

Suct. & Disch.	Truck	Length	Width	Height	Weight
4"	3:00x7 Tires	51" Less Tow Ball 31"	35"	31"	415 lbs.



Spring Bottom Bowl: Bottom of suction chamber is heavily reinforced rubber disc, held by compression spring—shock-absorbing and self-cleaning.

Quick Diaphragm Change: Merely loosen the 4 bolts at top of bowl and tilt pump frame back.

Performance

Suction Lift	Capacity in Gallons per Hour
5 ft.	6500 to 7500
10	6000 to 7000
25	3800 to 4300

Speed Range: Minimum 50 rpm, maximum 72 rpm

33,000 gph

at 10' suction lift

Jaeger Model 4XP



4" LIGHT WEIGHT UTILITY PUMP

Weighing only 700 lbs. mounted on steel wheels or pneumatic tires, this popular priced unit is designed for conditions where capacity larger than a 3" pump is needed and the work may require the quick movement of equipment about the job. Truck is perfectly balanced for easy handling.

Caisson pumping, drainage work on culverts, sewer trenches, smaller bridges and tank car unloading are typical applications. Open trash-type impeller, replaceable liner plate, long life Lubri-Seal and stellite valved engine are typical Jaeger features.

Jaeger Model 4XP (A.G.C. Model 30M)

CAPACITY AT 10' SUCTION LIFT: 33,000 gph

SUCTION AND DISCHARGE: 4" x 4"

CONSTRUCTION Semi-Steel

ENGINE Wisconsin VE4D

H. P. 17.5 @ 1800 rpm

CU. IN. DISPLACEMENT 91.9

NET WEIGHT: 700 lbs.

DIMENSIONS: Length 46"
Width 41"
Height 47"

Mounting: Two wheel truck with retractable bail

Two 20" steel disc wheels standard. 4:00 x 12 pneumatic tired wheels optional.



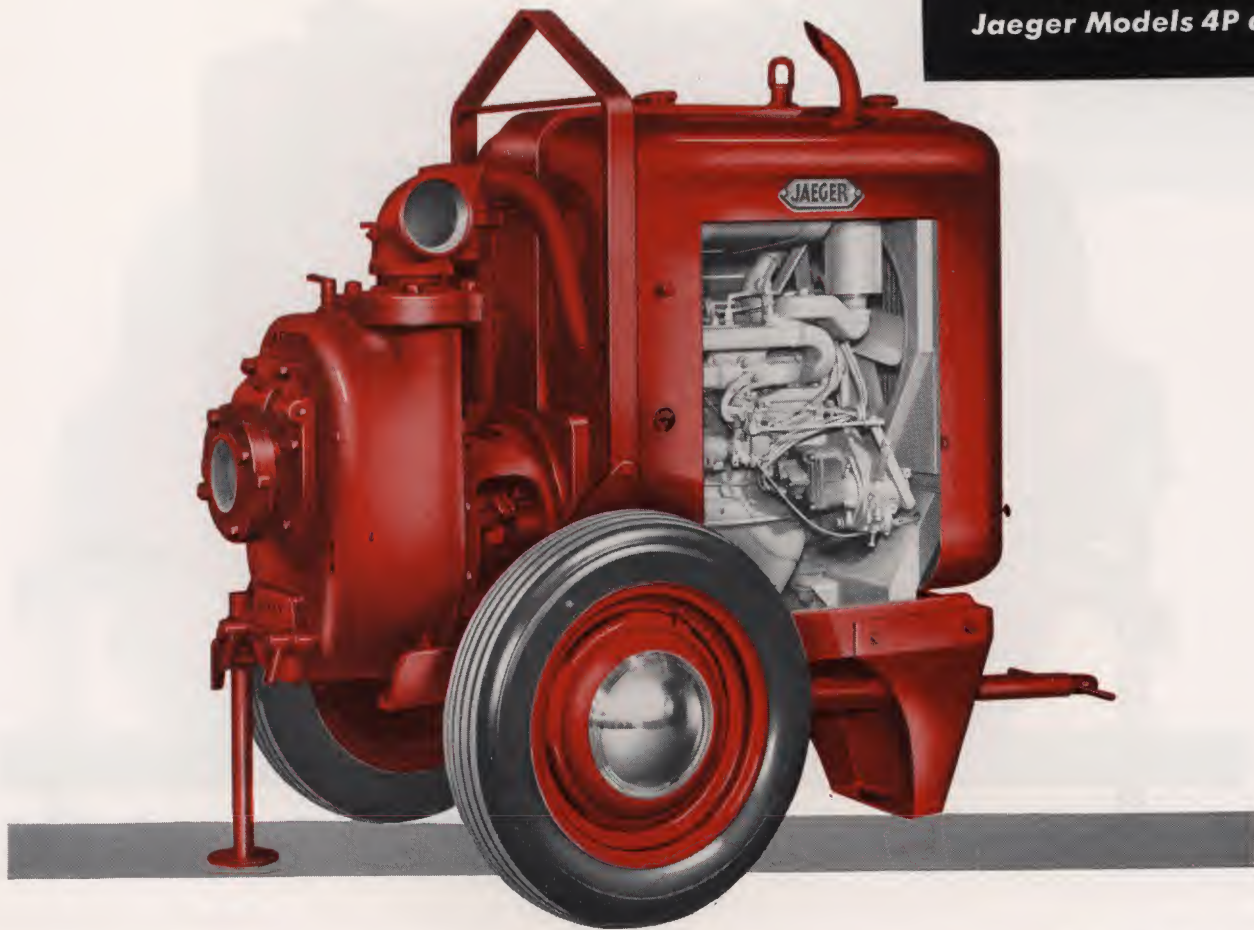
Model 4XP dewatering gravel pit to remove 14 ft. of overburden.

Actual Performance

The following table gives capacity in gallons per minute

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	550	455	—	—
30	550	455	365	300
40	550	455	365	300
50	550	450	365	300
60	545	450	360	300
70	525	440	360	300
80	485	430	355	295
90	445	410	350	290
100	400	380	335	285
110	355	345	315	275
120	305	305	285	260
130	250	250	245	235
140	190	190	190	190
150	110	110	110	110

41,000 gph
at 10' suction lift
Jaeger Models 4P and 4PW



HEAVY DUTY 4" PUMP

Truly a heavy duty pump — big power, big capacity against high heads, the stamina for long continued 24-hour-a-day pumping — yet it is easily portable.

Pump is bolted solidly to engine, in permanent alignment, with impeller shaft mounted in ball bearing center support. Engine bearings carry no pump load. Double priming action, self-cleaning shell, Lubri-Seal and replaceable liner plate are Jaeger features. Impeller is hardened semi-steel and adjustable for wear.

An ideal bridge builder's pump, also suited for large excavations, subways, deep shafts, material washing, etc.

Jaeger Models 4P and 4PW (A.G.C. Model 40M)

CAPACITY AT 10' SUCTION LIFT: 41,000 gph

SUCTION AND DISCHARGE: 4" x 4"

CONSTRUCTION: Semi-Steel

ENGINE: 4P Continental F140

H. P. 27 @ 1650 rpm

CU. IN. DISPLACEMENT 140

ENGINE: 4PW Wisconsin VG-4D

H. P. 28 @ 1650 rpm

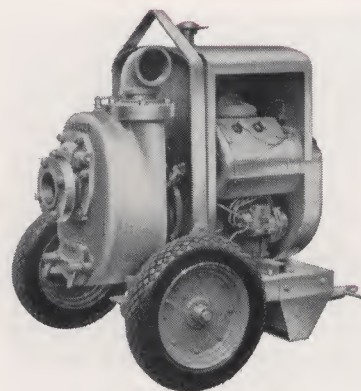
CU. IN. DISPLACEMENT 154

4PD with Diesel Power also available

WEIGHT — DIMENSIONS — MOUNTING

Model	Truck	Length	Width	Height	Weight
4P	Two 24" roller brg.	Truck 60"	45"	58"	1450 lbs.
	disc wheels	Base 60"	26"	49"	1335 lbs.
4PW	Two 20"	Truck 43"	47"	51"	1075 lbs.
		Base 43"	28"	49"	1000 lbs.

5:00 x 16 pneumatic tires available for Model 4P. 4:00 x 12 pneumatic tires available for Model 4PW. Disappearing towpole is standard.



Model 4PW with heavy duty air-cooled engine

Where extreme compactness or light weight are important, this Model 4PW offers the same features as the Jaeger 4P, but powered with oversize 4 cylinder, 4 cycle Wisconsin engine of 154 cu. in. displacement (28 hp at 1650 rpm). Weighs 385 lbs. less and is 27" shorter in length.

Oversize engine provides the generous reserve power that means long engine life. It means that this pump will handle more water, against higher heads or at slower engine speeds than ordinary, less powerful 4" pumps.

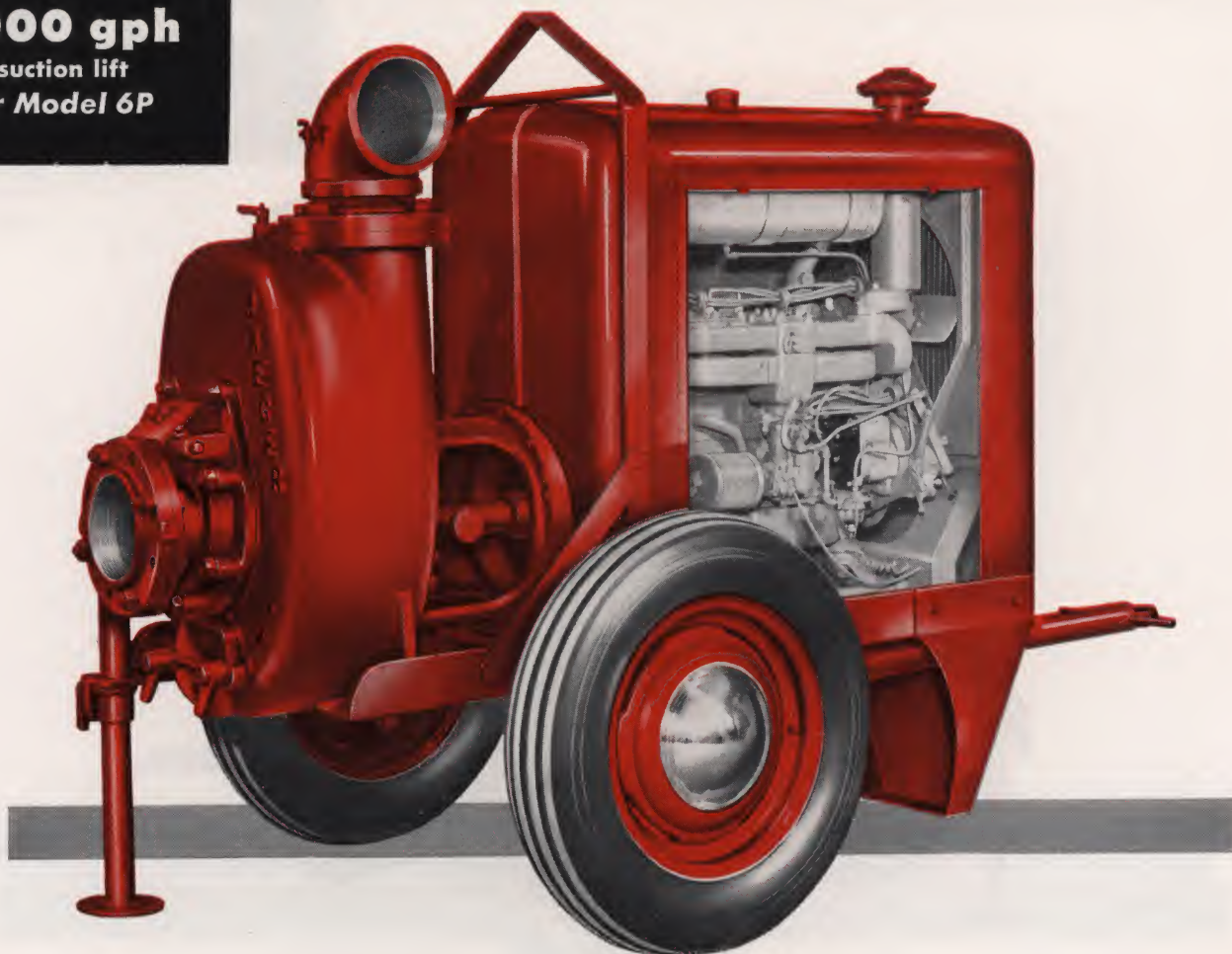
Actual Performance: Models 4P and 4PW

The following table gives capacity in gallons per minute:

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	685	620	—	—
30	680	620	510	375
40	680	615	510	375
50	675	615	510	375
60	675	615	505	370
70	670	610	505	365
80	665	610	505	365
90	650	600	500	365
100	625	580	495	360
110	560	535	470	350
120	470	470	430	335
130	370	370	360	310
140	265	265	265	250
150	145	145	145	145

103,000 gph

at 10' suction lift
Jaeger Model 6P



HEAVY DUTY 6" SURE-PRIME

A big pump — but not too big to move and handle on 2 wheels — for well point work, dewatering large excavations, sewers, sewage plants, bridge cofferdams, sea walls, stripping mines and for washing sand and gravel.

Built to deliver full rated capacity at an easy 1450 rpm — for reserve stamina and longest life: It takes a better pump, with bigger diameter impeller and bigger, heavier shell, to do easily at 1450 rpm what other pumps find hard to do at a speed of 1800. That's why Jaeger 6" and 10" pumps last so much longer. Less wear on pumps as well as engines — because they have more square inches of thicker metal to divide the wear. No narrow faces on which abrasion is concentrated to shorten life as in lighter, cheaper-built pumps. Replaceable liner plate is standard.

Heavy duty Lubri-Seal, positively lubricated and always accessible for inspection; heat treated and ground shaft on massive ball bearing; impeller adjustable to take-up wear.

Jaeger Models 6P (A.G.C. Model 90M) and 6PDC

CAPACITY AT 10' SUCTION LIFT: 103,000 gph
SUCTION AND DISCHARGE 6" x 6"

CONSTRUCTION:Semi-Steel
ENGINE: 6PContinental F226 Gas
H. P.36 @ 1500 rpm
CU. IN. DISPLACEMENT226
ENGINE: 6PDCContinental HD260 Diesel
H. P.36 @ 1400 rpm
CU. IN. DISPLACEMENT260

WEIGHT — DIMENSIONS — MOUNTING

Model	Truck	Length	Width	Height	Weight
6P	Two 26"	Truck 76"	49"	61"	2050 lbs.
		Base 77"	29"	50"	1850 lbs.
6PDC	roller brg. disc wheels	Truck 75"	49"	63"	2350 lbs.
		Base 77"	29"	55"	2200 lbs.

Two 6:00 x 16 pneumatics available with 6P; two 6:50 x 16 with 6PDC.

Actual Performance: Model 6P

The following table gives capacity in gallons per minute

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	1720	1450	—	—
30	1715	1450	1200	945
40	1710	1450	1200	945
50	1680	1440	1200	945
60	1595	1410	1190	945
70	1475	1350	1160	925
80	1330	1265	1110	895
90	1180	1155	1040	845
100	1015	1015	960	790
110	850	850	855	725
120	690	690	690	640
130	525	525	525	525
140	360	360	360	360
150	155	155	155	155

For More Capacity at Higher Heads, Diesel Model 6PDC

The following table gives capacity in gallons per minute

Total including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
25 ft.	1720	1450	—	—
30	1715	1450	1200	950
40	1710	1450	1200	950
50	1705	1450	1200	950
60	1700	1445	1200	950
70	1670	1425	1195	950
80	1595	1400	1180	940
90	1490	1345	1150	930
100	1360	1260	1110	900
110	1200	1150	1040	850
120	1025	1005	930	750
130	800	800	765	610
140	535	535	535	440
150	255	255	255	235



DEWATERING:
100,000 gph

PRESSURE:
975 gpm at 60 lbs.
at 10' suction lift
Jaeger Model 6PH

DUAL-DUTY PRESSURE AND DEWATERING PUMP

This fully portable unit is specially designed for pumping very large volumes of water at high heads. Successfully used by City Water Departments for low pressure Booster Service and also for pumping from emergency sources of supply. The same pump can jet in wellpoints and then dewater them. On wellpoint work, for example, the one pump can be used to double advantage, first to jet the points in and then to dewater them.

*This pump self-prim*es very rapidly and will hold prime indefinitely. Replaceable liner plate is adjustable for wear. Shaft is in high capacity ball bearing and has the Jaeger Lubri-Seal which is not only positively lubricated for long life, but is accessible for inspection without dismantling the pump—an exclusive Jaeger advantage.

Specifications: Model 6PH

CAPACITY FOR DEWATERING AT 10' SUCTION LIFT: 100,000 gph

FOR HIGH PRESSURE: 1160 gpm at 50 lbs.

SUCTION AND DISCHARGE 6" x 6"

CONSTRUCTION: Semi-Steel

SPECIAL FEATURES: Safety switches for high radiator temperature and low oil pressure. Complete 6-volt electric starting standard

ENGINE Chrysler IND 32

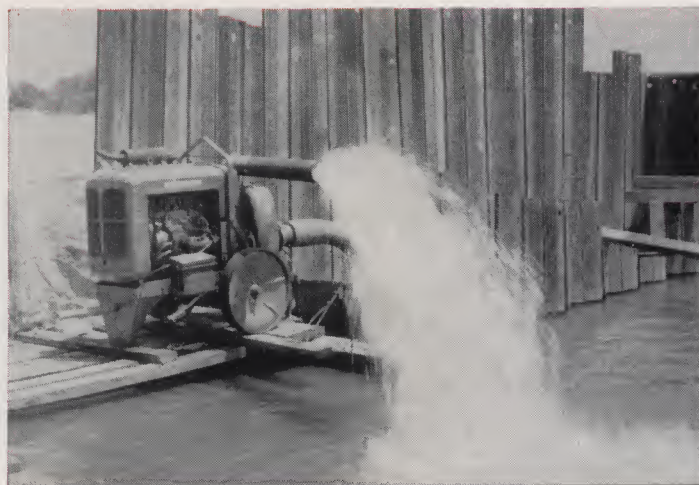
H. P. 60 @ 1900 rpm

CU. IN. DISPLACEMENT 265

NET WEIGHT: 2050 lbs.

DIMENSIONS	ON BASE	ON TRUCK
Length	74"	114"
Width	31"	60"
Height	55"	62"

Mounting — Two wheel truck with towpole. Two 26" steel disc wheels standard. 6:00 x 16 pneumatic tired wheels optional.



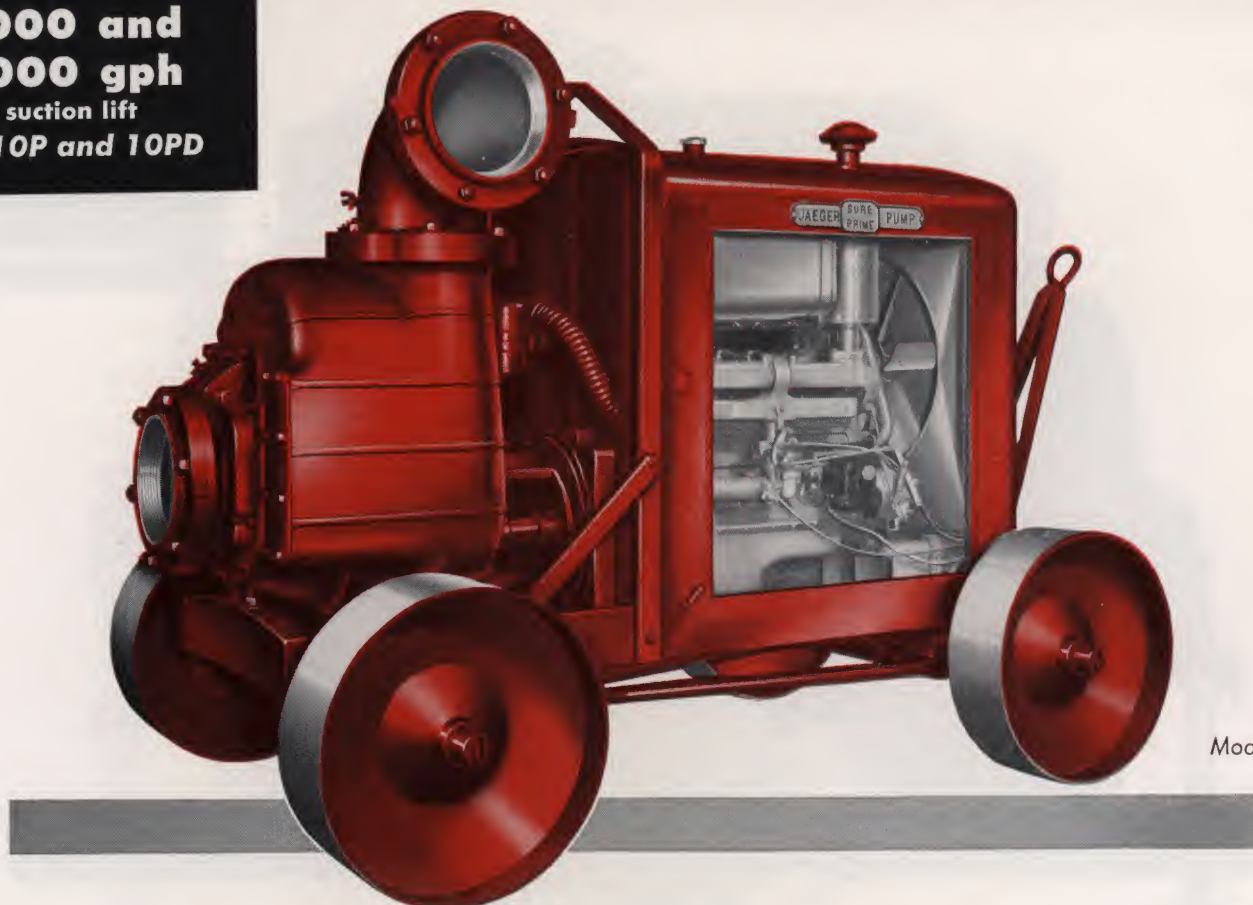
Jaeger 6 inch pumps are ideal for fast cofferdam dewatering.

Actual Performance at 10 ft. Suction Lift

Discharge Pressure	Total Head including friction	Capacity
10 lbs.	46 ft.	1675 gpm
20	65	1600
30	90	1500
40	110	1350
50	130	1160
60	150	975
70	175	710

Maximum shutoff pressure, 90 lbs.

**228,000 and
240,000 gph**
at 10' suction lift
Models 10P and 10PD



Model 10P

10" SURE - PRIME PUMPS — Gasoline or Diesel Powered

Designed on the most advanced hydraulic principles, with latest type mixed-flow impeller and labyrinth sealing rings, these units deliver the largest volume of any portable self-priming centrifugal ever offered. Far exceed any 8" or other 10" pump in capacity and priming, being able to maintain over 27" of vacuum continuously in big well point systems, prime at extreme lifts within 1' of barometric limit, quickly exhaust long suction lines. Even when 8" suction hose or pipe are used for economy, capacity is much greater than 8" pumps and priming speed is actually increased. Roller bearing disc wheeled or pneumatic tired truck; knuckle-type front axle.

Built for Heaviest Service: Engine and pump integral, with all shaft load on massive ball bearing center support. Impeller runs between labyrinth sealing rings which prevent any by-passing. Bronze sealing rings are adjustable for wear. Shaft heat treated. Shaft seal positively lubricated and accessible for inspection. Shell is close-grained 20% steel, built for high pressures; self-cleaning. Two independent, simultaneous actions make priming doubly sure. Big priming water capacity prevents overheating on long suction lines; handles gasoline and oils at maximum lifts; holds prime indefinitely in tight line.

CAPACITY AT 10' SUCTION LIFT: 10PD 240,000 gph
10P 228,000 gph

SUCTION AND DISCHARGE: 10" x 10"

CONSTRUCTION: Semi-Steel

ENGINE: 10PD International Harvester UD 350

H. P. 54 @ 1500 rpm

CU. IN. DISPLACEMENT 350

ENGINE: 10P Continental M330

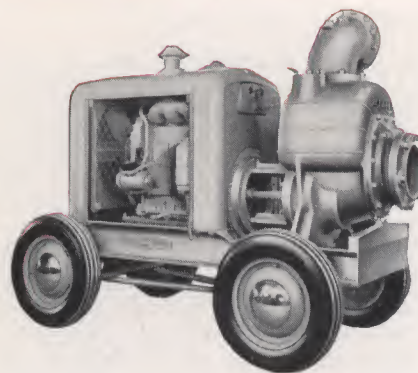
H. P. 54 @ 1500 rpm

CU. IN. DISPLACEMENT 330

WEIGHT — DIMENSIONS — MOUNTING

Model	Truck	Length	Width	Height	Weight
10P	Four 24" roller bearing disc wheels	Truck 92"	60"	70"	3265 lbs.
		Base 89"	33"	60"	2915 lbs.
10PD		Truck 100"	60"	75"	4150 lbs.
		Base 93"	30"	65"	3600 lbs.

6:00 x 16 pneumatic tires available



**DIESEL POWERED
MODEL 10PD**

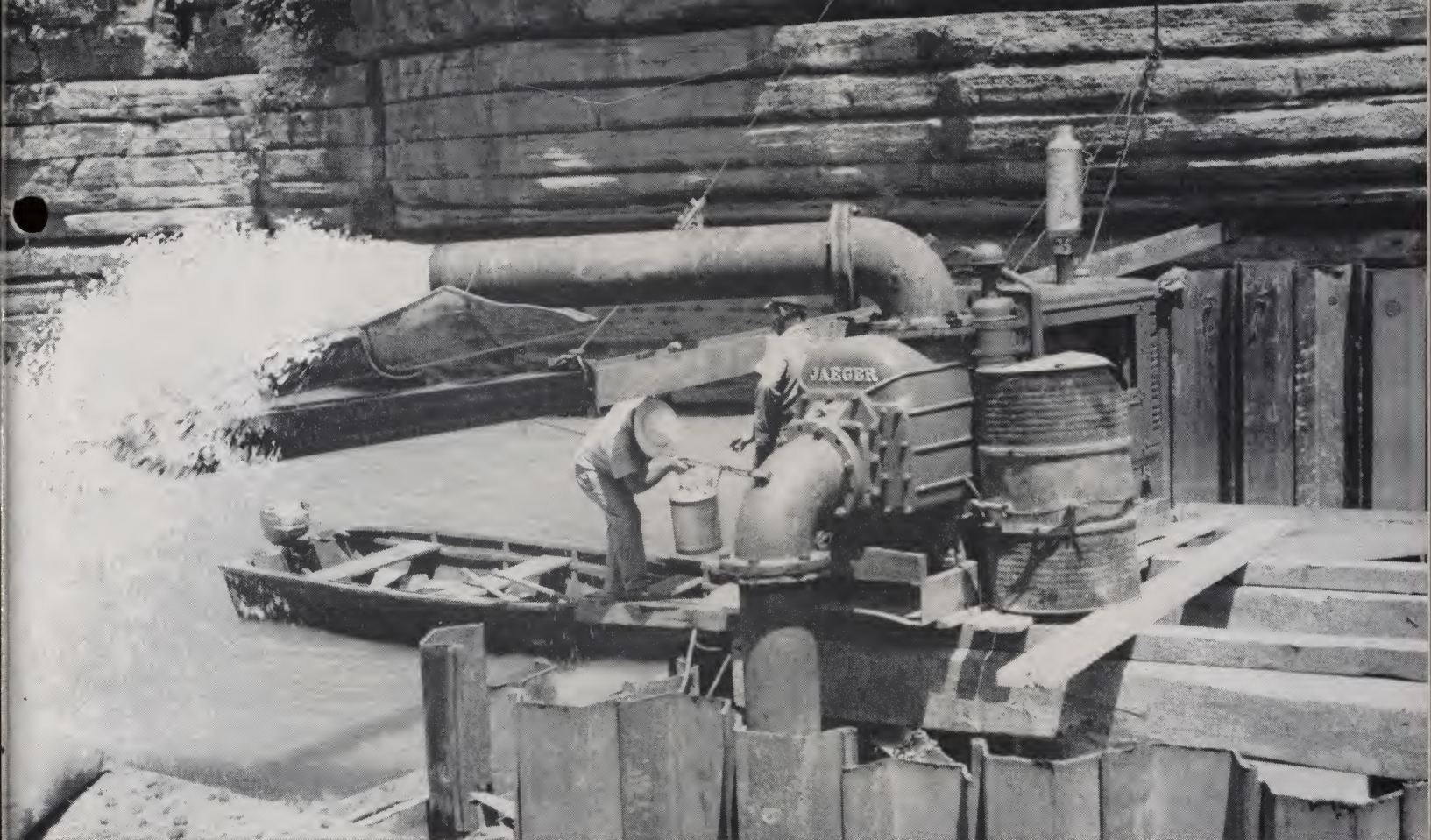
Recommended for maximum capacity and continuous work. 6:00 x 16 pneumatic tires can be furnished for all models, if desired.

Actual Performance: Model 10PD

The following table gives diesel pump capacity in gallons per minute. For performance of gasoline powered Model 10P, deduct 5%.

Total Head including friction	Height of pump above water			
	10 ft.	15 ft.	20 ft.	25 ft.
20	4000	—	—	—
25	3920	3490	2920	—
30	3830	3450	2900	2110
35*	3720*	3400*	2880*	2100
40	3600	3330	2860	2090
45	3480	3250	2840	2080
50	3320	3180	2800	2070
60	3020	2980	2710	2050
70	2700	2700	2560	2000
80	2350	2350	2350	1920
90	2000	2000	2000	1760
100	1600	1600	1600	1560

*At total heads up to 35 ft. where suction lift is not more than 20 ft., maximum volume exceeds the capacity of 10" suction pipe. Use 12" pipe. If 10" pipe is used under these conditions, deduct 5% from given capacity. For all higher heads, 10" suction line is adequate.



ABOVE: Pumping 4000 GPM at 1500 RPM: Diesel powered Jaeger 10PD moves big volume at lowest cost.

BELOW: Jaeger Well Point Pumps, Well Point Systems, and Engineering Service: Ask us for complete information.





24 hours-a-day pumping for approximately 9 months each year, for 3 years, is record of these two Jaeger 6" Sure Prime pumps, still going strong on this job of strip mine dewatering.

MINIMUM CAPACITIES, A.G.C. RATINGS



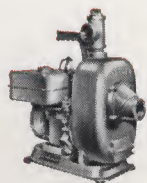
Jaeger pumps are tested under actual job conditions to insure their compliance in every respect with the standards of The Contractors Pump Bureau of the Associated General Contractors of America, Inc.

The following tables have been adopted as minimum capacity standards by The Contractors Pump Bureau of the Associated General Contractors of America, Inc. and set forth the performance requirements under average job conditions for the following size pumps. We guarantee these pumps to meet the A. G. C. standards in every respect.

The following tables give capacity in gallons per minute:

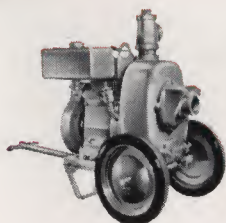
MODEL 4-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
15 ft.....	67			
20 ft.....	66	59		
25 ft.....	65	58	47	
30 ft.....	63	56	47	33
40 ft.....	54	49	44	32
50 ft.....	37	35	34	29
55 ft.....	25	25	25	25
60 ft.....	13	13	13	13



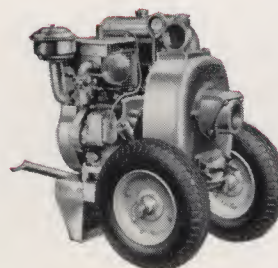
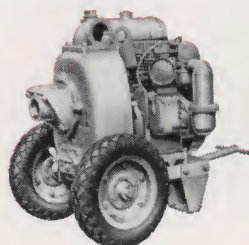
MODEL 7-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
25 ft.....	115	100	85	
30 ft.....	114	98	84	65
40 ft.....	107	92	79	63
50 ft.....	94	78	68	57
60 ft.....	68	55	48	43
65 ft.....	48	40	35	31
70 ft.....	25	21	19	17



MODEL 10-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
25 ft.....	166			
30 ft.....	164	145	115	80
40 ft.....	157	140	113	79
50 ft.....	145	130	107	75
60 ft.....	122	110	97	68
70 ft.....	85	82	75	53
80 ft.....	20	20	19	18

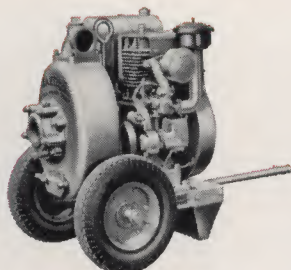


MODEL 15-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
30 ft.....	266	224	182	142
40 ft.....	245	214	177	140
50 ft.....	216	200	169	135
60 ft.....	184	176	156	127
70 ft.....	144	138	130	114
80 ft.....	102	98	95	90
90 ft.....	52	52	52	52
95 ft.....	26	26	26	26

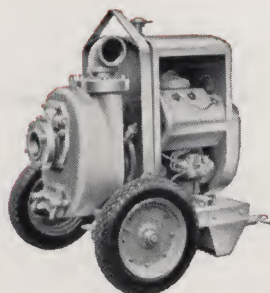
MODEL 20-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
30 ft.....	333	280	235	165
40 ft.....	310	268	230	162
50 ft.....	275	245	220	155
60 ft.....	220	210	195	143
70 ft.....	160	156	155	125
80 ft.....	90	90	90	88
85 ft.....	50	50	50	50



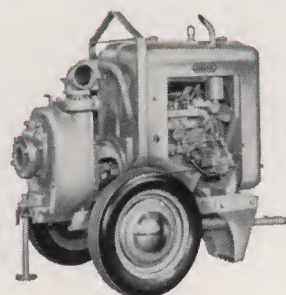
MODEL 30-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
30 ft.....	500	435	350	250
40 ft.....	495	430	345	250
50 ft.....	475	415	340	245
60 ft.....	450	400	325	240
70 ft.....	415	370	300	230
80 ft.....	355	325	270	210
90 ft.....	250	240	215	175
100 ft.....	100	100	100	100
105 ft.....	20	20	20	20



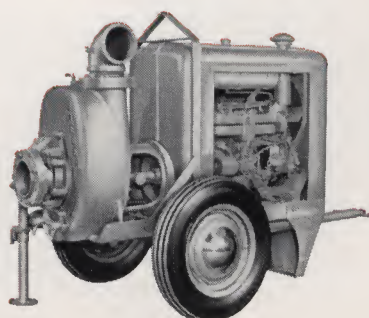
MODEL 40-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
25 ft.....	665			
30 ft.....	660	575	475	355
40 ft.....	645	565	465	350
50 ft.....	620	545	455	345
60 ft.....	585	510	435	335
70 ft.....	535	475	410	315
80 ft.....	465	410	365	280
90 ft.....	375	325	300	220
100 ft.....	250	215	195	145
110 ft.....	65	60	50	40



MODEL 90-M

TOTAL HEAD INCLUDING FRICTION	HEIGHT OF PUMP ABOVE WATER			
	10 Ft.	15 Ft.	20 Ft.	25 Ft.
25 ft.....	1500			
30 ft.....	1480	1280	1050	790
40 ft.....	1430	1230	1020	780
50 ft.....	1350	1160	970	735
60 ft.....	1225	1050	900	690
70 ft.....	1050	900	775	610
80 ft.....	800	680	600	490
90 ft.....	450	400	365	300
100 ft.....	100	100	100	100



Jaeger Sure Prime Pumps

**Here are the new
higher capacities in**



These Jaeger pumps meet your other needs



PRESSURE PUMPS: 2" to 6" portables for a wide range of volumes and pressures to 285 psi. Self-priming at average rate of 1 second per foot of lift. Enclosed impellers, labyrinth sealing rings, positively lubricated shaft seals, automatic spring-actuated check valves, heat-resisting stellite-valved engines. Ask for Catalog.



ELECTRIC POWERED PUMPS: All sizes of Jaeger "Sure Prime" pumps, 1½" to 10", are available with electric power. Their characteristic low speed operation results in much longer life. Jaeger's oversize shells, holding more priming water, prevent overheating and vapor lock when exhausting long well point header lines. Ask for Catalog.

THE JAEGER MACHINE CO. 600 W. Spring St., Columbus 16, O. • Jaeger Machine Co. of Canada, Ltd., St. Thomas, Ont.
AIR COMPRESSORS • CONCRETE MIXERS • TRUCK MIXERS • PAVING SPREADERS • FINISHERS

Jaeger Sure Prime Pumps

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PRESSURE PUMPS
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